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FILE 'AGRICOLA' ENTERED AT 11:22:44 ON 06 NOV 2002

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FILE 'BIOSIS' ENTERED AT 11:22:44 ON 06 NOV 2002

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=> s histone deacetylase

L1 3238 HISTONE DEACETYLASE

=> s l1 and transcription

L2 1672 L1 AND TRANSCRIPTION

=> s l2 and (regulat? or repress? or control)

L3 1473 L2 AND (REGULAT? OR REPRESS? OR CONTROL)

=> s l3 and express?

L4 836 L3 AND EXPRESS?

=> s l3 and transgenic?

L5 29 L3 AND TRANSGENIC?

=> dup rem l5

PROCESSING COMPLETED FOR L5

L6 22 DUP REM L5 (7 DUPLICATES REMOVED)

=> d 1-10 ti

L6 ANSWER 1 OF 22 CAPLUS COPYRIGHT 2002 ACS

TI Conserved **regulation** of the lymphocyte-specific expression of Lck in the Fugu and mammals

L6 ANSWER 2 OF 22 CAPLUS COPYRIGHT 2002 ACS

TI Deregulation of polyamine biosynthesis alters intrinsic histone acetyltransferase and deacetylase activities in murine skin and tumors

L6 ANSWER 3 OF 22 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI Exchange of N-CoR corepressor and Tip60 coactivator complexes links gene expression by NF-kappaB and beta-amyloid precursor protein.

L6 ANSWER 4 OF 22 CAPLUS COPYRIGHT 2002 ACS

TI Methods and compositions relating to **histone deacetylase** 4 and 5 **regulation** of cardiac gene expression

L6 ANSWER 5 OF 22 CAPLUS COPYRIGHT 2002 ACS

TI **Transgenic** plants expressing **histone**

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NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS	4	Apr 09	ZDB will be removed from STN
NEWS	5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIADB
NEWS	6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS	7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS	8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS	9	Jun 03	New e-mail delivery for search results now available
NEWS	10	Jun 10	MEDLINE Reload
NEWS	11	Jun 10	PCTFULL has been reloaded
NEWS	12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS	13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS	14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS	15	Jul 30	NETFIRST to be removed from STN
NEWS	16	Aug 08	CANCERLIT reload
NEWS	17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	18	Aug 08	NTIS has been reloaded and enhanced
NEWS	19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	20	Aug 19	IFIPAT, IFICDB, and IFIADB have been reloaded
NEWS	21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS	22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	23	Sep 03	JAPIO has been reloaded and enhanced
NEWS	24	Sep 16	Experimental properties added to the REGISTRY file
NEWS	25	Sep 16	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS	26	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	27	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	28	Oct 21	EVENTLINE has been reloaded
NEWS	29	Oct 24	BEILSTEIN adds new search fields
NEWS	30	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	31	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS EXPRESS			October 14 CURRENT WINDOWS VERSION IS V6.01, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
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NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN
NEWS WWW			CAS World Wide Web Site (general information)

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**deacetylase** genes for use in **control** of plant development

L6 ANSWER 6 OF 22 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 1  
TI **Repressor** element silencing **transcription** factor/neuron-restrictive silencing factor (REST/NRSF) can act as an enhancer as well as a **repressor** of corticotropin-releasing hormone gene **transcription**

L6 ANSWER 7 OF 22 CAPLUS COPYRIGHT 2002 ACS  
TI Evidence for epigenetic mechanisms that silence both basal and immune-stimulated **transcription** of the IL-8 gene

L6 ANSWER 8 OF 22 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 2  
TI Intergenic **transcription** in the human .beta.-globin gene cluster

L6 ANSWER 9 OF 22 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
TI Gene targeting reveals a crucial role for MTG8 in the gut.

L6 ANSWER 10 OF 22 CAPLUS COPYRIGHT 2002 ACS  
TI **Histone deacetylase** inhibitors induce remission in **transgenic** models of therapy-resistant acute promyelocytic leukemia

=> d 4 ab

L6 ANSWER 4 OF 22 CAPLUS COPYRIGHT 2002 ACS  
AB The invention relates to cardiac hypertrophy. More particularly, the invention defines the mol. events linking calcium stimulation to cardiac hypertrophy. More specifically, the invention shows that Ca<sup>2+</sup> stimulation of the hypertrophic response is mediated through an **histone deacetylase** (HDAC) 4 and 5 interaction with myocyte enhancer factor 2 (MEF2), and that phosphorylation of HDACs results in loss of HDAC-mediated **repression** of MEF2 hypertrophic action. Thus, the invention provides methods and compns. of treating cardiac hypertrophy, as well as methods and compns. for identifying subjects at risk for cardiac hypertrophy. Further provided are methods for the detection of compds. having therapeutic activity toward cardiac hypertrophy.

=> d 3 pi

L6 ANSWER 3 OF 22 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

=> d 5 pi

L6 ANSWER 5 OF 22 CAPLUS COPYRIGHT 2002 ACS  
PATENT NO. KIND DATE APPLICATION NO. DATE  
-----  
PI EP 1094112 A2 20010425 EP 2000-307375 20000829  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO

=> d 11-22 ti

L6 ANSWER 11 OF 22 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
TI The RARalpha-PLZF chimera blocks C/EBPalpha DNA binding and myeloid cell differentiation.

L6 ANSWER 12 OF 22 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
TI The IL-7 receptor controls the accessibility of the TCRgamma locus by

Stat5 and histone acetylation.

- L6 ANSWER 13 OF 22 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
TI Igf2/H19 imprinting **control** region (ICR): An insulator or a position-dependent silencer.
- L6 ANSWER 14 OF 22 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
TI Role for the nuclear protein kinase HIPK2 in corepressor activity of Groucho during development.
- L6 ANSWER 15 OF 22 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 3  
TI Blocking histone deacetylation in Arabidopsis induces pleiotropic effects on plant gene **regulation** and development
- L6 ANSWER 16 OF 22 CAPLUS COPYRIGHT 2002 ACS  
TI An Ikaros-containing chromatin-remodeling complex in adult-type erythroid cells
- L6 ANSWER 17 OF 22 CAPLUS COPYRIGHT 2002 ACS  
TI Atrophin-1, the dentato-rubral and pallido-luysian atrophy gene product, interacts with ETO/MTG8 in the nuclear matrix and **represses transcription**
- L6 ANSWER 18 OF 22 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 4  
TI Functional analysis of a RPD3 **histone deacetylase** homologue in Arabidopsis thaliana
- L6 ANSWER 19 OF 22 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 5  
TI DNA methylation and histone deacetylation in the **control** of gene expression: basic biochemistry to human development and disease
- L6 ANSWER 20 OF 22 AGRICOLA DUPLICATE 6  
TI Functional analysis of HD2 **histone deacetylase** homologues in Arabidopsis thaliana.
- L6 ANSWER 21 OF 22 AGRICOLA  
TI A screen for mutations that prevent lethality caused by expression of activated sevenless and Ras1 in the Drosophila embryo.
- L6 ANSWER 22 OF 22 CAPLUS COPYRIGHT 2002 ACS  
TI Distinct interactions of PML-RAR.alpha. and PLZF-RAR.alpha. with co-**repressors** determine differential responses to RA in APL

=> d 15 so

- L6 ANSWER 15 OF 22 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 3  
SO Proceedings of the National Academy of Sciences of the United States of America (2001), 98(1), 200-205  
CODEN: PNASA6; ISSN: 0027-8424

=> d 18 so

- L6 ANSWER 18 OF 22 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 4  
SO Plant Molecular Biology (2000), 44(2), 167-176  
CODEN: PMBIDB; ISSN: 0167-4412

=> d 20 so

- L6 ANSWER 20 OF 22 AGRICOLA DUPLICATE 6  
SO The Plant journal : for cell and molecular biology, Apr 2000. Vol. 22, No. 1. p. 19-27

Publisher: Oxford : Blackwell Sciences Ltd.  
ISSN: 0960-7412

=> s atrpd3a

L7 3 ATRPD3A

=> d 1-3 ti

L7 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS

TI Transgenic plants expressing histone deacetylase genes for use in control of plant development

L7 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS

TI Functional analysis of a RPD3 histone deacetylase homologue in Arabidopsis thaliana

L7 ANSWER 3 OF 3 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI Functional analysis of a RPD3 histone deacetylase homologue in Arabidopsis thaliana.

=> d 1-2 so

L7 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS

SO Eur. Pat. Appl., 65 pp.

CODEN: EPXXDW

L7 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS

SO Plant Molecular Biology (2000), 44(2), 167-176

CODEN: PMBIDB; ISSN: 0167-4412

=> s atrpd3b

L8 2 ATRPD3B

=> dup rem l8

PROCESSING COMPLETED FOR L8

L9 1 DUP REM L8 (1 DUPLICATE REMOVED)

=> d ti

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS

DUPLICATE 1

TI Functional analysis of a RPD3 histone deacetylase homologue in Arabidopsis thaliana

=> d so

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS

DUPLICATE 1

SO Plant Molecular Biology (2000), 44(2), 167-176

CODEN: PMBIDB; ISSN: 0167-4412

=> s athd2a or athd2b

L10 4 ATHD2A OR ATHD2B

=> dup rem l10

PROCESSING COMPLETED FOR L10

L11 2 DUP REM L10 (2 DUPLICATES REMOVED)

=> d 1-2 ti

L11 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2002 ACS

TI Transgenic plants expressing histone deacetylase genes for use in control of plant development

L11 ANSWER 2 OF 2 AGRICOLA DUPLICATE 1  
TI Functional analysis of HD2 histone deacetylase homologues in Arabidopsis thaliana.

=> d 1-2 so

L11 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2002 ACS  
SO Eur. Pat. Appl., 65 pp.  
CODEN: EPXXDW

L11 ANSWER 2 OF 2 AGRICOLA DUPLICATE 1  
SO The Plant journal : for cell and molecular biology, Apr 2000. Vol. 22, No. 1. p. 19-27  
Publisher: Oxford : Blackwell Sciences Ltd.  
ISSN: 0960-7412

=> d pi

L11 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2002 ACS  
PATENT NO. KIND DATE APPLICATION NO. DATE  
-----  
PI EP 1094112 A2 20010425 EP 2000-307375 20000829  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO

=> s l1 and gal4  
L12 75 L1 AND GAL4

=> s l12 and transgenic  
L13 5 L12 AND TRANSGENIC

=> dup rem l13  
PROCESSING COMPLETED FOR L13  
L14 3 DUP REM L13 (2 DUPLICATES REMOVED)

=> d 1-3 ti

L14 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS  
TI Methods and compositions relating to **histone deacetylase**  
4 and 5 regulation of cardiac gene expression

L14 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS  
TI **Transgenic** plants expressing **histone deacetylase** genes for use in control of plant development

L14 ANSWER 3 OF 3 AGRICOLA DUPLICATE 1  
TI Functional analysis of HD2 **histone deacetylase** homologues in Arabidopsis thaliana.

=> d 1-3 so

L14 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS  
SO PCT Int. Appl., 126 pp.  
CODEN: PIXXD2

L14 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS  
SO Eur. Pat. Appl., 65 pp.

CODEN: EPXXDW

L14 ANSWER 3 OF 3 AGRICOLA

DUPLICATE 1

SO The Plant journal : for cell and molecular biology, Apr 2000. Vol. 22, No. 1. p. 19-27

Publisher: Oxford : Blackwell Sciences Ltd.

ISSN: 0960-7412